

ALABAMA DEPARTMENT OF TRANSPORTATION

THE 12 INCH SIEVE SETS WITH 2 INCH HEIGHT OF SIEVES SHALL BE IN COMPLIANCE WITH AASHTO M92

The sieve cloth shall be mounted on substantial frames constructed in a manner that will prevent loss of material during sieving. The sieve cloth and standard sieve frames shall conform to the requirements of AASHTO M 92.

Wire cloth, wire diameters and measurement of openings used in U.S.A. standard testing sieves must meet all the standard specifications as in AASHTO M 92.

All sieve frames shall be circular with a diameter of 12 inches. Frames shall be made from non-corrosive material such as brass or stainless steel and be of seamless construction.

Pans and covers for use with 12 inch sieves shall be made so as to nest with the sieves. Pans with extended rims ("stacking skirts") shall be furnished when specified. The pans and covers shall conform to the dimensions as in AASHTO M 92.

The following standard sieves must be included in the 12 inch sieve sets.

Cover

2 inch {50 mm} Sieve

1.5 inch {37.5 mm} Sieve

1 inch {25.0 mm} Sieve

3/4 inch {19.0 mm} Sieve

1/2 inch {12.5 mm} Sieve

3/8 inch {9.5 mm} Sieve

No. 4 {4.75 mm} Sieve

No. 8 {2.36 mm} Sieve

No. 16 {1.18 mm} Sieve

No. 30 {600 μm } Sieve

No. 50 {300 μm } Sieve

No. 100 {150 μm } Sieve

No. 200 {75 μm } Sieve

Pan

All sieve sets must have a calibration certificate and all sets shall be new.